



COMMONWEALTH of VIRGINIA

Department of Health DIVISION OF SHELLFISH SANITATION

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LITTLE BAY AND ANTIPOISON CREEK Shoreline Survey # 017 Lancaster County Shoreline Sanitary Survey

Date: 6 July 2001

Survey Period: March 19 – May 31, 2001

Total Number of Properties Surveyed: 308

Surveyed By: D.B. Geeson and R.M. Thomas

SECTION A: GENERAL

This survey area extends from Reference Point 17 at the first point south of Tabbs Creek to Reference Point 18 at North Point, including the Fleets Bay shoreline between these two points, Little Bay [Antipoison Creek (Harpers Creek)], and all of their tributaries. The survey boundary has been revised. See map for current boundary.

The topography in this area varies in elevation from 5' or less along the shoreline to a maximum of 20' near the western edge of the survey boundary. The economy is based primarily on agriculture, commercial fishing, recreation and service oriented businesses. The population density is moderate with the heaviest concentrations in eastern White Stone, the communities of Palmer and Foxwells and along the shoreline. Most of the properties along the shoreline are vacation homes and are only seasonally occupied.

The current restriction on shellfish harvesting in this area is Condemned Shellfish Area #017-188, Antipoison Creek, effective 19 May 2000. Copies of the current condemnation notices and maps are available via the Internet at <http://www.vdh.virginia.gov/oehs/shellfish/>.

Meteorological data indicated that 2.94" of rain fell March 19-31, 3.63" April 1-30, and 7.38" May 1-31, for a total of 13.95" for the survey period.

There was one campground (Camp Little Bay) in the area and it was found to be in satisfactory condition at time of inspection. Julia's Seafood, which was mentioned in the previous report as an industrial waste facility, is now known as Captain Georges Seafood and is trading as Little Bay Lookout.

Information in this report is gathered by and primarily for the use of the Division of Shellfish Sanitation, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. However, the data is made available to various agencies participating in shellfish program coordinated activities and other interested parties.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Section B.2 and the Department of Environmental Quality (DEQ) for possible action at the properties listed on the summary page in Section C.1. The Division of Soil and Water Conservation is provided information on possible sources of animal pollution found in Section E.

This report lists only those properties that have a sanitary deficiency or other environmental significance. **"DIRECT"** indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent resurvey of the area.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT WORKS

-None-

ONSITE SEWAGE DEFICIENCIES

1. CONTRIBUTES POLLUTION, **DIRECT** - Location: 361 Tammy Drive, White Stone 22578. Owner: Bank of Lancaster, Trustee for Howard H. Barrack Estate, P. O. Box 1869, Kilmarnock 22482. Dwelling- red frame 1 story with white trim. No contact. Unapproved plywood lid over septic tank. Effluent erupting from septic tank and drainfield onto ground surface 35' from Little Bay. Sanitary Notice issued 3-23-01 to field # A15.
6. CONTRIBUTES POLLUTION - Location: 2182 Little Bay Road, White Stone 22578. Dwelling- white vinyl siding 1 story with black trim. 1 person. Broken lid over distribution box. Effluent erupting onto ground surface. Sanitary Notice issued 4-27-01 to field # A97.
8. CONTRIBUTES POLLUTION - Location: 1805 Windmill Point Road, White Stone 22578. Owner: 340 North Madison Street, Marshall, MI 49068. Dwelling- frame 2 story with white asbestos shingles. 3 persons. Effluent erupting from septic tank and drainfield onto ground surface. Sanitary Notice issued 5-1-01 to field # B82.
11. CONTRIBUES POLLUTION (Kitchen or Laundry Wastes) - Location: 2360 Windmill Point Road, White Stone 22578. Owner: 4711 King William Road, Richmond 23225. Dwelling- white frame 2 story. No contact. Kitchen wastes discharge through a 1¼" PVC pipe into a cracked grease trap without a cover. Sanitary Notice issued 5-11-01 to field # B58.
13. NO FACILITIES, **DIRECT** – Occupant: Little Bay Fish Company, 200 Osprey Lane, White Stone 22578. Owners: Glen and June Steel, Box 7985, White Stone. Private pier. 1 person. Sanitary Notice issued 7-5-01 to field # B50.
14. CONTRIBUTES POLLUTION - Occupant: Tanya Kelly, 3465 Windmill Point Road, White Stone 22578. Owner: 905 Spotswood Road, Richmond 23200. Dwelling- brown and white house trailer. 2 persons. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 4-27-01 to field # B43.

15. CONTRIBUTES POLLUTION - Location: 3806 Windmill Point Road, White Stone 22578. Dwelling- aqua and white house trailer. 2 persons. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 4-24-01 to field #B32.
16. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), **DIRECT** – Location: 4621 Windmill Point Road, White Stone 22578. Owners: 7908 Beverly Road, Baltimore, MD 21234. Dwelling- beige vinyl siding 2 story. No contact. Kitchen or laundry wastes discharge from underneath dwelling through a 1½" PVC pipe into a 4" PVC pipe onto ground surface 75' from Little Bay. Sanitary Notice issued 4-24-01 to field #B12.

POTENTIAL POLLUTION

-None-

SECTION C: NON-SEWAGE POLLUTION SOURCES

INDUSTRIAL WASTES

4. Menhaden Bait Company, Incorporated (Roland George), 1675 Little Bay Road, White Stone 22578. Business- fish processing facility. 2 employees. Observed onsite was 1 X 1000 gallon diesel fuel tank 5' from Antipoison Creek surrounded by a 3' concrete berm.
5. **DIRECT** - Occupant: Pride of Virginia Seafood, 3121 Little Bay Road, White Stone 22578. Owner: C. W. O'Bier, Route 1, Box 37C, Callao 22435. Business- commercial shellfish processing plant (VA-1034SP). 20 employees. Processing wastes and floor drains discharge into a settling tank and the overflow drains into Antipoison Creek. Has Permit # VAG524039 from DEQ. Permit expires 7-24-01.
7. Occupant: Cully's Railway, 312 Harpers Creek Drive, White Stone 22578. Owner: Edward L. Cullingsworth, 3504 Nine Mile Road, Richmond 23223. Business- commercial marina. 1 employee. Observed onsite was 1 X 500 gallon diesel fuel tank 5' from Harpers Creek without a protective berm.
10. **DIRECT**- Chesapeake Bay Fish and Oyster (Marvin George), 213 Fox Den Road, White Stone 22578. Business has not been in operation for several years. 2 persons. Processing wastes and floor drains would discharge into Harpers Creek if plant was active. Has Permit # VAG524016 from DEQ. Permit expires 7-24-2001.
13. Occupant: Little Bay Fish Company, 200 Osprey Lane, White Stone 22578. Owners: Glen and June Steel, Box 7985, White Stone. Business is no longer in operation. 1 person. Observed onsite was 1 x 500 gallon diesel fuel tank 40' from Antipoison Creek without a protective berm.
17. **DIRECT** - Occupant: Captain Georges Seafood (Little Bay Lookout), 4771 Windmill Point Road, White Stone 22578. Owners: Billy and Barbara Ancarrow, 703 Baywater Drive, Kilmarnock 22482. 1 person. New owners have an active permit from DEQ, but at this time they are unsure about what they plan to do with the business. Processing wastes and floor drains would discharge into Little Bay if plant was active. Has Permit # VAG524027 from DEQ. Permit expires 7-24-2001.

SOLID WASTE DUMPSITES

-None-

SECTION D: BOATING ACTIVITY

MARINAS

7. Cully's Railway, 312 Harpers Creek Drive, White Stone 22578. Owner: Edward L. Cullingsworth, 3504 Nine Mile Road, Richmond 23223. Commercial marina. 1 employee. 14 slips/moorings available. Present at time of survey was 1 pleasure boat and 1 work boat under 26' and 2 work boats and 3 pleasure boats over 26'. Boating services provided are electricity, repair and water. Containers are available for solid waste. Sanitary facilities provided are 1 vault privy for men and 1 vault privy for women, which appeared to be in satisfactory condition at time of inspection. Sewage disposal is by pump and haul. Privies are used as a portable toilet dump station facility. Boat holding tank pump-out facilities are provided at this location, but were inoperable at time of inspection.
13. Little Bay Fish Company, 200 Osprey Lane, White Stone 22578. Owners: Glen and June Steel, Box 7985, White Stone. Private boat docking facility. 1 person. 3 slips/moorings available. Present at time of survey was 1 work boat under 26' and 1 work boat over 26'. Boating services provided are electricity and water. Containers are available for solid waste. There are no sanitary facilities or portable toilet dump station facilities provided. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities at this location.

OTHER PLACES WHERE BOATS ARE MOORED

2. Charles Marchetti Pier, 1028 Clarks Point Road, White Stone 22578. Private boat docking facility. 3 persons. 16 slips/moorings available. Present at time of survey were 3 pleasure boats under 26' and 2 pleasure boats over 26'. Boating services provided are water, electricity and an in-out ramp. Containers are provided for solid waste. Sanitary facilities are available in the main house and the pool houses. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at the time of inspection. There are no boat holding tank pump-out facilities or portable toilet dump station facilities available at this location.
9. Bay Seafood and Bay Company, 1883 Windmill Point Road, White Stone 22578. Owner: Meridith Robbins, 1253 Cherry Point Road, White Stone. Private boat docking facility. 2 employees. 7 slips/moorings available. Present at time of survey were 3 pleasure boats under 26' and 2 work boats and 1 pleasure boat over 26' in wet slips; and in dry storage there were 4 work boats and 8 pleasure boats under 26' and 1 work boat over 26'. Boating services provided are electricity, in-out ramp and water. Containers are provided for solid waste. The only sanitary facilities available are 1 pit privy, which appeared to be in satisfactory condition at time of inspection. Privy is used as a portable toilet dump station facility. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities at this location.

UNDER SURVEILLANCE

12. Nova Bait Company (David George), 202 Antirap Drive, White Stone 22578. Business: menhaden bait company. 2 slips/moorings available. Present at time of survey were 3 work boats under 26' and 2 work boats over 26' in wet slips; and in dry storage there was 1 pleasure boat under 26'. The only boating service provided is electricity. There are containers provided for solid waste. Sanitary facilities provided are 4 commodes, 4 lavatories, and 1 shower for men; and 4 commodes, 4 lavatories, and 1 shower for women. There is also 1 unisex toilet available. Sewage disposal is by pump and haul and by a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. There are no portable toilet dump station facilities or boat holding tank pump-out facilities provided at this location.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

3. Limerick Morgan Horse Farm, Clarks Point Road, White Stone 22578. Owner: Richard W. O'Brien, P. O. Box 698, White Stone. Dwelling- white frame 2½ story with black trim. 3 persons. Present at time of survey were 5 horses in a fenced pasture 200' from Antipoison Creek. Manure is left on the ground.

SUMMARY

Area # 017
Little Bay and Antipoison Creek
6 July 2001

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT WORKS

- 0 - DIRECT - None
- 0 - INDIRECT - None
- 0 - B.1. TOTAL

2. ON-SITE SEWAGE DEFICIENCIES

- 1 - CONTRIBUTES POLLUTION, DIRECT - # 1
- 4 - CONTRIBUTES POLLUTION, INDIRECT - # 6, 8, 14, 15
- 1 - CP (Kitchen or Laundry Wastes), DIRECT - # 16
- 1 - CP (Kitchen or Laundry Wastes), INDIRECT, # 11
- 1 - NO FACILITIES, DIRECT - # 13
- 0 - NO FACILITIES, INDIRECT - None
- 8 - B.2. TOTAL

3. POTENTIAL POLLUTION

- 0 - POTENTIAL POLLUTION - None

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

- 3 - DIRECT - # 5, 10, 17
- 3 - INDIRECT - # 4, 7, 13
- 6 - C.1. TOTAL

2. SOLID WASTE DUMPSITES

- 0 - DIRECT - None
- 0 - INDIRECT - None
- 0 - C.2. TOTAL

SECTION D: BOATING ACTIVITY

- 2 - MARINAS - # 7, 13
- 2 - OTHER PLACES WHERE BOATS ARE MOORED - # 2, 9
- 1 - UNDER SURVEILLANCE - # 12
- 5 - D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

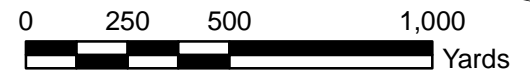
- 0 - DIRECT - None
- 1 - INDIRECT - # 3
- 1 - E. TOTAL

Virginia Department of Health
Division of Shellfish Sanitation

Little Bay and
Antipoison Creek
017
Shoreline Sanitary Survey

Lancaster County

Date: 6 July 2001
Survey By: D.B. Geeson and R.M. Thomas
Number of Properties Surveyed: 308



- Legend**
- Seawater Sampling Stations**
- Active
 - Inactive
- Shoreline Survey Deficiencies**
- Sewage Treatment Facility - Direct
 - Sewage Treatment Facility - Indirect
 - Contributes Pollution - Direct
 - Contributes Pollution - Indirect
 - Contributes Pollution (Kitchen or Laundry wastes) - Direct
 - Contributes Pollution (Kitchen or Laundry wastes) - Indirect
 - No Facilities - Direct
 - No Facilities - Indirect
 - Potential Pollution
 - Industrial Wastes, Direct
 - Industrial Wastes, Indirect
 - Solid Waste Dumpsite - Direct
 - Solid Waste Dumpsite - Indirect
 - Boating Activity
 - Contributes Animal Pollution - Direct
 - Contributes Animal Pollution - Indirect